

Haloacetic Acids (d)

ug/L

CENTRAL COAST WATER AUTHORITY POLONIO PASS WATER TREATMENT PLANT WATER QUALITY TABLE

COVERING THE REPORTING PERIOD OF JANUARY-DECEMBER 2019

Please see last page for key to abbreviations.

State PHG State Range STATE	TREATED SOURCE	
	State PHG State Range STATE	
Parameter Units MCL (MCLG) DLR Average CCWA WATER Major Sources in Drinking Wate	nits MCL (MCLG) DLR Average CCWA WATER Major Sources in Drinki	y Water

PRIMARY STANDARDS--Mandatory Health-Related Standards CLARITY (a) Combined Filter Effluent TT=<1 NTU every 4 hours 0.03 - 0.1 NA Range NTU Soil runoff Turbidity (a) TT=95% of samples <0.3 NTU % 100% NA INORGANIC CHEMICALS Range ND - 0.094 ND - 0.31 Erosion of natural deposits; residual from some Aluminum mg/L 1 (b) 0.6 0.05 surface water treatment processes Average 0.056 0.127 **RADIONUCLIDES** Range ND 5.3 Gross Alpha Particle pCi/L 15 (0) Erosion of natural deposits Average ND 5.3 **DISTRIBUTION SYSTEM MONITORING** MRDLG = Range 0.33 - 3.5NA Total Chlorine Residual MRDL = 4.0mg/L NA Drinking water disinfectant added for treatment 4.0 Average 2.47 NA 5.0% of Range 0 NA Total Coliform monthly (0) Average 0 NA Naturally present in the environment Bacteria (c) samples Highest 0% NA 24 - 75 NA Range Total Trihalomethanes 80 ug/L NA (0.5)Average 45 NA By-product of drinking water chlorination (d) Highest LRAA 47.8 NA Range 7.4 - 25 NA

SECONDARY STANDARDS--Aesthetic Standards

NA

(1) (e)

Average

Highest LRAA

15

15.5

NA

NA

By-product of drinking water chlorination

60

Chloride	mg/L	500 (j)	NA	(1)	Range	13 - 146	11 - 142	Runoff/leaching from natural deposits; seawater
Chloride	IIIg/L	300 (j)	INA	(1)	Average	59	56	influence
Color	ACU	15 (j)	NA	(3)	Range	ND	20	— Naturally occuring organic materials
00101	٨٥٥	13 (j)	INA	(3)	Average	ND	20	readuranty occurring organic materials
Corrosivity	SU	non-	NA	(0.1)	Range	12	12	
(Aggresivity Index) (i)	00	corrosive	INA	(0.1)	Average	12	12	
Manganese, Total	ug/L	50 (j)	NA	(2)	Range	ND	8.8	
Manganese, Total	ug/L	30 (j)	INA	(2)	Average	ND	8.8	
Odor Threshold	TON	3 (j)	NA	(1)	Range	ND	2	Naturally occuring organic materials
Odol Tilleshold	TON	3 (j)	INA	(1)	Average	ND	2	readularly occurring organic materials
Specific Conductance	uS/cm	1600 (j)	NA	NA	Range	138 - 762	131 - 691	Substances that form ions when in water;
Opcome Conductance	u0/0111	1000 (j)	14/1	14/1	Average	403	353	seawater influence
Sulfate	mg/L	500 (j)	NA	(0.5)	Range	46	34	Runoff/leaching from natural deposits; industrial
Sullate	IIIg/L	300 (j)	INA	(0.5)	Average	46	34	wastes
Total Dissolved Solids	mg/L	1000 (j)	NA	(10)	Range	260	250	Runoff/leaching from natural deposits
(TDS)	IIIg/L	1000 (j)	INA	(10)	Average	260	250	
Turbidity (Monthly) (a)	NTU	5 (j)	NA	(0.1)	Range	ND - 0.12	0.38 - 55	Soil runoff
raibidity (Monthly) (a)	1410	J (J)	IVA	(0.1)	Average	0.05	3.39	Soil fulloil

						TREATED	SOURCE	
		State	PHG	State	Range		STATE	
Parameter	Units	MCL	(MCLG)	DLR	Average	CCWA	WATER	Major Sources in Drinking Water
ADDITIONAL PAR	AMETER	RS (Unregi	ulated)					
2-Methylisoborneol	ng/L	NA	NA	(1)	Range	ND - 1	2 - 8	An organic compound mainly produced by blue-
,	11g/L	INA	INA	(1)	Average	0.2	3.8	green algae (cyanobacteria)
Alkalinity (Total) as	mg/L	NA	NA	(2)	Range	30 - 80	28 - 86	Runoff/leaching from natural deposits; seawater
CaCO3 equivalents	mg/ L		1471	(=)	Average	56	59	influence
Calcium	mg/L	NA	NA	(1)	Range	19	18	Runoff/leaching from natural deposits; seawater
- Calorani	9, =			(.,	Average	19	18	influence
Geosmin	ng/L	NA	NA	(1)	Range	ND - 6	2 - 8	An organic compound mainly produced by
Geognini	11g/L	IVA	INA	(1)	Average	2.8	3.8	bacterial growth in surface water
Hardness (Total) as	mg/L	NA	NA	(3)	Range	26 - 144	28 - 144	Leaching from natural deposits
CaCO3	1119/1	1473	147.	(0)	Average	82	82	Load ming from flatteral deposits
Heterotrophic Plate	CFU/mL	TT	NA	NA	Range	0 - 2	NA	Naturally present in the environment
Count (f)	01 0/1112		14/1	14/1	Average	0	NA	reaction prosent in the environment
Magnesium	mg/L	NA	NA	(0.1)	Range	12	11	Runoff/leaching from natural deposits; seawater
mag. rootarri	g, _			(01.7)	Average	12	11	influence
На	SU	NA	NA	(0.1)	Range	7.7 - 8.7	7.5 - 9.3	Runoff/leaching from natural deposits; seawater
F				(/	Average	8.4	8.4	influence
Potassium	mg/L	NA	NA	(1)	Range	3.1	3.1	Runoff/leaching from natural deposits; seawater
	9/ =			(- /	Average	3.1	3.1	influence
Sodium	mg/L	NA	NA	(1)	Range	58	50	Runoff/leaching from natural deposits; seawater
Tatal Ossasia Ossi	Ŭ			` ′	Average	58	50	influence
Total Organic Carbon (TOC) (g)	mg/L	TT	NA	(0.3)	Range	1.5 - 3 1.9	2.6 - 5.4 3.2	Various natural and man made sources
(100) (g)					Average	1.9	3.2	

ABBREVIATIONS AND NOTES

Footnotes:

- (a) Turbidity (NTU) is a measure of the cloudiness of the water and it is a good indicator of the effectiveness of our filtration system.
 Monthly turbidity values are listed in the Secondary Standards section.
- (b) Aluminum has a Secondary MCL of 0.2 ppm.
- (c) Total coliform MCLs: Systems that collect ≥40 samples/month no more than 5.0% of the monthly samples may be Total Coliform positive. Systems that collect <40 samples per month no more than 1 positive sample per month may be Total Coliform positive. Fecal coliform/E. coli MCLs: The occurrence of 2 consecutive Total Coliform positive samples, one of which contains fecal coliform/E. coli, constitutes an acute MCL violation.
- (d) Compliance based on the running quarterly annual average of distribution system samples.
- (e) Monochloroacetic Acid (MCAA) has a DLR of 2.0 ug/L while the other four Haloacetic Acids have DLR's of 1.0 ug/L.
- (f) Pour plate technique
- (g) TOCs are taken at the treatment plant's combined filter effluent.
- (h) State MCL is 45 mg/L as $\ensuremath{\text{NO}_3},$ which equals 10 mg/L as N.
- (i) Al ≥ 12.0 = Non-aggressive water
 Al (10.0 11.9) = Moderately aggressive water
 Al ≤ 10.0 = Highly aggressive water
 Reference: ANSI/AWWA Standard C400-93 (R98)
- (j) Secondary MCL

Abbreviations

TREATED SOURCE

ACU = Apparent Color Units

CCWA = Central Coast Water Authority

CFU/ml = Colony Forming Units per milliliter

DLR = Detection Level for purposes of Reporting

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

MRDL = Maximum Residual Disinfectant Level

MRDLG = Maximum Residual Disinfectant Level Goal

NA = Not Applicable

ND = Non-detected above detection limit (DLR)

NTU = Nephelometric Turbidity Units

pCi/L = PicoCuries per liter

PHG = Public Health Goal

ppb = parts per billion, or micrograms per liter ($\mu g/L$)

ppm = parts per million, or milligrams per liter (mg/L)

TON = Threshold Odor Number

TT = Treatment Technique

LRAA = Locational Running Annual Average

3/16/2020				Cen	tral Coast V	Nater Au	thority 2019	9 Non-De	etect lable Page 1 of 8
					Raw Source		Treated	Water	
		State or			State Water	er Project	Polonio Pa	iss WTP	
Parameter	Units	Federal MCL [MRDL]	PHG (MCLG) [MRDLG]	State DLR (MRL)	Most Recent Sample Date	Result	Most Recent Sample Date	Result	Major Sources in Drinking Water
MICROBIOLOGICAL									
Cryptosporidium	Oocysts/200L	TT	(0)	NA	11/25/2019	0	NC	NC	Naturally present in the environment
Ciondia	Cueta/2001		(0)	NIA	44/05/0040	0	NC	NC	Network arread in the environment
Giardia	Cysts/200L	TT	(0)	NA	11/25/2019	0	NC	NC	Naturally present in the environment
RADIONUCLIDES									
Gross Beta Particle (g)	pCi/L	50 (g)	(0)	4	4/30/2019	ND	4/30/2019	ND	Decay of natural and man-made deposits
ORGANIC CHEMICALS									
Regulated VOC's plus L	ists 1&3 (E	EPA 524	4.2)						
1,1,1,2-Tetrachloroethane	ug/l	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,1,1,2-1 ettachloroethane	ug/L	INA	INA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,1,1-Trichloroethane	ug/L	200	1000	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from metal degreasing sites and other factories; manufacture of food wrappings
1,1,2,2-Tetrachloroethane	ug/L	1	0.1	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/L	1.2	4	0.01	4/30/2019	ND	4/30/2019	ND	Discharge from metal degreasing sites and other factories; dry cleaning solvent; refrigerant
1,1,2-Trichloroethane	ug/L	5	0.3	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories
1,1-Dichloroethane	ug/L	5	3	0.5	4/30/2019	ND	4/30/2019	ND	Extraction and degreasing solvent; used in manufacture of pharmaceuticals, stone, clay and glass products; fumigant
1,1-Dichloroethylene	ug/L	6	10	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories
1.1 Dichloropropos	ua/l	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,1-Dichloropropene	ug/L								
1,2,3-Trichlorobenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,2,3-Trichloropropane	ng/L	5 (e)	0.7	5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial and agricultural chemical factories; leaching from hazardous waste sites; used as cleaning and maintenance solvent, paint and varnish remover, and cleaning and degreasing agent; byproduct during the production of other compounds and pesticides.
1,2,4-Trichlorobenzene	ug/L	5	5	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from textile-finishing factories
1,2,4-Trimethylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Ethylene dibromide	ng/L	50	10	20	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum refineries; underground gas tank leaks; banned nematocide that may still
1,2-Dichlorobenzene	110/1	600	600	0.5	4/30/2019	ND	4/30/2019	ND	be present in soils due to runoff and leaching from grain and fruit crops Discharge from industrial chemical factories
	ug/L	000	000	0.5	4/30/2019	IND		IND	
1,2-Dichloroethane	ng/L	500	400	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories
1,2-Dichloropropane	ug/L	5	0.5	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories; primary component of some fumigants
1,3,5-Trimethylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,3-Dichlorobenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	

					Raw Source	o Motor	Treated	Moto:	T
	-	C4-4					Polonio Pa		
		State or Federal	PHG	State	State Wate Most Recent	r Project	Most Recent	ISS WIF	
		MCL	(MCLG)	DLR	Sample		Sample		
Parameter	Units	[MRDL]	[MRDLG]	(MRL)	Date	Result	Date	Result	Major Sources in Drinking Water
4.2 Dishlaranganan	/!	NIA	NIA	(0.5)	4/20/2040	ND	4/20/2040	ND	
1,3-Dichloropropane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
1,4-Dichlorobenzene	ug/L	5	6	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories
	,			(2.5)				115	
2,2-Dichloropropane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
2-Butanone	ug/L	NA	NA	5	4/30/2019	ND	4/30/2019	ND	
2.011		N. A.	NIA	(0.5)	4/00/0040	ND	4/00/0040	N.D.	
2-Chlorotoluene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
4-Methyl-2-pentanone	ug/L	NA	NA	(5)	4/30/2019	ND	4/30/2019	ND	
Benzene	ug/L	1	0.15	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from plastics, dyes and nylon factories; leaching from gas storage tanks and landfills
Bromobenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Bromochloromethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Bromomethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Carbon disulfide	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Carbon tetrachloride	ng/L	500	100	500	4/30/2019	ND	4/30/2019	ND	Discharge from chemical plants and other industrial activities
Chlorobenzene	ug/L	70	200	(0.5)	4/30/2019	ND	4/30/2019	ND	
Chloroethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Chloromethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
sis 4.0 Dishlamathulana	/1		400	0.5	4/00/0040	NID	4/00/0040	ND	Discharge from industrial chemical factories; major biodegradation by-product of TCE and PCE
cis-1,2-Dichloroethylene	ug/L	6	100	0.5	4/30/2019	ND	4/30/2019	ND	groundwater contamination
cis-1,3-Dichloropropene	ug/L	NA	NA		4/30/2019	ND	4/30/2019	ND	Runoff/leaching from nematocide used on croplands
cis 1,5 Dichioloproperio	ug/L	14/4	14/1		4/30/2013	ND	4/30/2013	ND	Transmitted in the material code as a strong lands
Dibromomethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Diisopropyl ether	ug/L	NA	NA	(3)	4/30/2019	ND	4/30/2019	ND	
Disopropyr ettler	ug/L	INA	INA	(3)	4/30/2019	ND	4/30/2019	ND	
Dichlorodifluoromethane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Ethylbenzene	ug/L	300	300	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum refineries; industrial chemical factories
Lutybenzene	ug/L	300	300	0.5	4/30/2019	ND	4/30/2019	ND	Discriarge from petroleum reimenes, industrial chemical factories
tert-Butyl ethyl ether	ug/L	NA	NA	(3)	4/30/2019	ND	4/30/2019	ND	
Hexachlorobutadiene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
- TOAGOTHOTODUIGUIGHE	ug/L	INA	14/7	(0.0)	7/00/2013	IAD	7/00/2013	140	
Isopropylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
m,p-Xylenes	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum and chemical factories; fuel solvent
mily Aylenes	ug/L	14/4	INA	(0.0)	4/30/2013	IAD	7/30/2019	IND	Dissilarge from perioleum and difermical raciones, fuel solvent
Dichloromethane	ug/L	5	4	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from pharmaceutical and chemical factories; insecticide
Methyl tert-butyl ether (a)	ug/L	13 (b)	13	3	4/30/2019	ND	4/30/2019	ND	Leaking underground storage tanks; discharge from petroleum and chemical factories
monyr tert-butyr enter (a)	ug/L	13 (b)	13	3	7/30/2013	IAD	7/30/2013	IND	Economy underground storage tanks, disoriarye nom petroleum and chemical factories
Naphthalene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	

3/16/2020		Con			tnority 2018		Page 3 of 8		
	-				Raw Source Water State Water Project		Treated '		-
		State or	BUG	State		r Project	Polonio Pa	ISS WIP	4
		Federal MCL	PHG (MCLG)	State DLR	Most Recent Sample		Most Recent Sample		
Parameter	Units	[MRDL]	[MRDLG]	(MRL)	Date	Result	Date	Result	Major Sources in Drinking Water
n-Butylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
0 "		N. A.	N.1.0	(0.5)	4/00/0040	NB	4/00/0040	ND	
n-Propylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
o-Xylene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum and chemical factories; fuel solvent
	, in the second								
p-Chlorotoluene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
p-Isopropyltoluene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
р тооргорукогасто	ug/L	10/1	107	(0.0)	1700/2010	IND.	1700/2010	110	
sec-Butylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Otherson		400	0.5	0.5	4/00/0040	ND	4/00/0040	ND	Discharge from which a sold plant's featuring backing from landfills
Styrene	ug/L	100	0.5	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from rubber and plastic factories; leaching from landfills
tert-Amyl methyl ether	ug/L	NA	NA	(3)	4/30/2019	ND	4/30/2019	ND	
tert-Butylbenzene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Tetrachloroethylene	ug/L	5	0.06	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from factories, dry cleaners, and auto shops (metal degreaser)
- Strading Serry Israe	∴g/ =	Ü	0.00	0.0	1700/2010	.,,,	1700/2010	,,,,	provincing from received any ordered and across the control of the
Toluene	ug/L	150	150	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum and chemical factories; underground gas tank leaks
1.2 Diablaranzanana Tatal	ng/l	500	200	500	4/30/2019	ND	4/30/2019	ND	Punetf/leaching from nematoride used an explands
1,3-Dichloropropene, Total	ng/L	500	200	500	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from nematocide used on croplands
Total Xylenes	mg/L	1.750	1.8	0.0005	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum and chemical factories; fuel solvent
trans-1,2-Dichloroethylene	ug/L	10	60	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial chemical factories; minor biodegradation by-product of TCE and PCE
									groundwater contamination
trans-1,3-Dichloropropene	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from nematocide used on croplands
Trichloroethylene	ug/L	5	1.7	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from metal degreasing sites and other factories
Trichlorofluoromethane	ug/L	150	1300	5	4/30/2019	ND	4/30/2019	ND	Discharge from industrial factories; degreasing solvent; propellant and refrigerant
	, J								
Vinyl chloride	ng/L	500	50	500	4/30/2019	ND	4/30/2019	ND	Leaching from PVC piping; discharge from plastics factories; biodegradation by-product of TCE and
,	3								PCE groundwater contamination
Organochlorine Pesticio	des/PCRs /	FPΔ 50)5)						
Organoemornie r esticit	UCS/T ODS	LI A 30	, <i>o,</i>						
Alachlor	ug/L	2	4	1	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide used on row crops
Aldrin	ug/L	NA	NA	(0.01)	4/30/2019	ND	4/30/2019	ND	
Chlordane	ng/L	100	30	100	4/30/2019	ND	4/30/2019	ND	Residue of banned insecticide
Dieldrin	ug/L	NA	NA	(0.2)	4/30/2019	ND	4/30/2019	ND	
Endrin	ug/L	2	0.3	0.1	4/30/2019	ND	4/30/2019	ND	Residue of banned insecticide and rodenticide
	g/		3.0						
Heptachlor	ng/L	10	8	10	4/30/2019	ND	4/30/2019	ND	Residue of banned insecticide
Hantachlar apovide	p. 2/1	10	e	10	4/30/2019	ND	4/30/2019	ND	Breakdown of heptachlor
Heptachlor epoxide	ng/L	10	6	10	4/30/2019	טאו	4/30/2019	עאו	Dieakoowii oi ilepiaciiioi
Lindane	ng/L	200	32	200	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from insecticide used on cattle, lumber, gardens
						_			
Methoxychlor	ug/L	30	0.09	10	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock

		I			Raw Source		Treated		1
		State or				State Water Project		ss WTP	1
		Federal	PHG	State	Most Recent	Troject	Most Recent	33 1111	
		MCL	(MCLG)	DLR	Sample		Sample		
Parameter	Units	[MRDL]	[MRDLG]	(MRL)	Date	Result	Date	Result	Major Sources in Drinking Water
PCB 1016 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
PCB 1221 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
1 CD 1221 Alociol (as DCB)	ug/L	0.5	INA	(0.1)	4/30/2019	ND	4/30/2019	ND	Truitori nom landinis, discriarge of waste chemicals
PCB 1232 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
PCB 1242 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
PCB 1248 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
(3.5)	-9-			(511)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
PCB 1254 Aroclor (as DCB)	ug/L	0.5	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
PCB 1260 Aroclor (as DCB)	ug/l	0.5	NA	(0.1)	4/20/2010	ND	4/30/2019	ND	Dunoff from landfille: dispharas of wests shamissle
PCB 1260 ATOCIOT (as DCB)	ug/L	0.5	IVA	(0.1)	4/30/2019	IND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
PCB`s, Total	ng/L	500	90	500	4/30/2019	ND	4/30/2019	ND	Runoff from landfills; discharge of waste chemicals
Toxaphene	ug/L	3	0.03	1	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from insecticide used on cotton and cattle
Aldicarbs (EDA E21.2)									
Aldicarbs (EPA 531.2)									
3-Hydroxycarbofuran	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
o riyaronyoanzoraran		.,,,	1 17 1	(0.0)	1,00,2010	1,12	1,00,2010	.,,,	
Aldicarb	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
A11: 1 16		N. (A	N. A.	(0.5)	4/00/0040	ND	1/00/0010	ND	
Aldicarb sulfone	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Aldicarb sulfoxide	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
	, in the second								
Baygon	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Carbaryl	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Carbaryi	ug/L	INA	INA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Carbofuran	ug/L	18	0.7	5	4/30/2019	ND	4/30/2019	ND	Leaching of soil fumigant used on rice and alfalfa, and grape vineyards
Methiocarb	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Methomyl	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
		1.7.	1 17 1	(0.0)	1700/2010	1,12	1/00/2010		
Oxamyl	ug/L	50	26	20	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from insecticide used on field crops, fruits and ornamentals, especially apples,
Chairyi	ug/ L	00	20	20	1/00/2010	145	1/00/2010	110	potatoes, and tomatoes
Diquat and Paraquat (I	EDA 540 21								
Diquat anu Paraquat (1	LPA 349.2)								
Diquat	ug/L	20	6	4	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide use for terrestrial and aquatic weeds
Paraquat	ug/L	NA	NA	(2)	4/30/2019	ND	4/30/2019	ND	
EDB and DBCB (EDA I	E								
EDB and DBCP (EPA 5	001.1)								
									Banned nematocide that may still be present in soils due to runoff/leaching from former use on
Dibromochloropropane	ng/L	200	1.7	10	4/30/2019	ND	4/30/2019	ND	soybeans, cotton, vineyards, tomatoes, and tree fruit
Ethylene dibromide	ng/L	50	10	20	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum refineries; underground gas tank leaks; banned nematocide that may stil
·	ŭ								be present in soils due to runoff and leaching from grain and fruit crops

							Treeted		Pages of 8
					Raw Source		Treated		
		State or			State Water	r Project	Polonio Pa	ss WTP	
		Federal	PHG	State	Most Recent		Most Recent		
Down water	11-11-	MCL	(MCLG)	DLR	Sample	Decell	Sample	December	Maior Common in Britain a Water
Parameter Chlore The Town Lloybioid	Units	[MRDL]	[MRDLG]	(MRL)	Date	Result	Date	Result	Major Sources in Drinking Water
Chlorophenoxy Herbicid	es (EPA 5	15.4)							
2,4,5-T	ug/l	NA	NA	(0.2)	4/30/2019	ND	4/30/2019	ND	
2,4,5-1	ug/L	INA	INA	(0.2)	4/30/2019	ND	4/30/2019	ND	
2,4,5-TP	ug/L	50	3	1	4/30/2019	ND	4/30/2019	ND	Residue of banned herbicide
	-9-		-		,, e e, = e · e		,, , , , , , , , , , , , , , , , , , , ,		
2,4-Dichlorophenoxyacetic acid	ug/L	70	20	10	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide used on row crops, range land, lawns, and aquatic weeds
2,4-DB	ug/L	NA	NA	2	4/30/2019	ND	4/30/2019	ND	
3,5-Dichlorobenzoic acid	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
3,3-Dicilioroperizoic acid	ug/L	INA	INA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Acifluorfen	ug/L	NA	NA	(0.2)	4/30/2019	ND	4/30/2019	ND	
				` '					
Bentazon	ug/L	18	200	2	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from herbicide used on beans, peppers, corn, peanuts, rice, and ornamental
25.162011	ug/∟	.0	200		1,00,2010	1,10	1,00,2010	140	grasses
Dalaman	/1	000	700	40	4/00/0040	ND	4/00/0040	ND	Don't from head in the control of th
Dalapon	ug/L	200	790	10	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide used on rights-of-way, and crops and landscape maintenance
Dicamba	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Diodriba	ug/L	1471	14/ ((0.1)	1/00/2010	IND	1/00/2010	110	
Dichlorprop	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Dinoseb	ug/L	7	14	2	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide used on soybeans, vegetables, and fruits
Degraphic and	/1	4	0.0	0.0	4/00/0040	ND	4/00/0040	ND	Discharge from your day are a factories as they are dether in a sticked like this ideal year.
Pentachlorophenol	ug/L	1	0.3	0.2	4/30/2019	ND	4/30/2019	ND	Discharge from wood preserving factories, cotton and other insecticidal/herbicidal uses
Picloram	ug/L	500	166	1	4/30/2019	ND	4/30/2019	ND	Herbicide runoff
					,, e e, = e · e		,, , , , , , , , , , , , , , , , , , , ,		
DCPA (total Mono & Diacid	ug/l	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Degradates)	ug/L	INA	INA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Other Synthetic Organics	s	1							
D: :	"	00	0.05		4/00/0040	N.D.	4/00/0040	ND	
Dioxin	pg/L	30	0.05	5	4/30/2019	ND	4/30/2019	ND	Emissions from waste incineration and other combustion; discharge from chemical factories
Endothall	ug/L	100	94	45	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide use for terrestrial and aquatic weeds; defoliant
Endouran	ug/L	100	01	10	1/00/2010	IND	1/00/2010	110	Transmitter for the formattal and aquate weeds, defound
Glyphosate	ug/L	700	900	25	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide use
Semivolatiles (EPA 525.2	?)								
2,4-Dinitrotoluene	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Accepanhthylana	110/1	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Acenaphthylene	ug/L	NA	INA	(0.1)	4/30/2019	IND	4/30/2019	טאו	
alpha-Chlordane	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
	. 			(3.2)				_	
Anthracene	ug/L	NA	NA	(0.02)	4/30/2019	ND	4/30/2019	ND	
Atrazine	ug/L	1	0.15	0.5	4/30/2019	ND	4/30/2019	ND	Runoff from herbicide used on row crops and along railroad and highway right-of-ways
Panza (a) anthracens	110/1	NIA	NIA	(0.0E)	4/20/2040	ND	4/20/2010	ND	
Benzo (a) anthracene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	טאו	
Benzo (a) pyrene	ng/L	200	7	100	4/30/2019	ND	4/30/2019	ND	Leaching from linings of water storage tanks and distribution mains
	<i>y-</i>					_		-	
Benzo (b) fluoranthene	ug/L	NA	NA	(0.02)	4/30/2019	ND	4/30/2019	ND	

		1	1		D. O	. 14/			
	4				Raw Source		Treated		
		State or			State Water	r Project	Polonio Pa	ss WTP	
		Federal MCL	PHG	State	Most Recent		Most Recent		
Parameter	Units	[MRDL]	(MCLG) [MRDLG]	DLR (MRL)	Sample Date	Result	Sample Date	Result	Major Sources in Drinking Water
	<u> </u>	[52]	[(24.0		24.0		major cources in Drinning France.
Benzo (g,h,i) perylene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
0.0		.	.	(0.00)	4/00/0040	ND	4/00/0040	ND	
Benzo (k) fluoranthene	ug/L	NA	NA	(0.02)	4/30/2019	ND	4/30/2019	ND	
Bromacil	ug/L	NA	NA	(0.2)	4/30/2019	ND	4/30/2019	ND	
	Ĭ								
Butachlor	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Butylbenzylphthalate	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Butylochizylphinalate	ug/L	14/3	14/4	(0.0)	4/30/2013	ND	4/30/2013	ND	
Caffeine	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Observation		N14	NI A	(0.00)	4/00/2242	ND	4/00/2242	ND	
Chrysene	ug/L	NA	NA	(0.02)	4/30/2019	ND	4/30/2019	ND	
Di (2-Ethylhexyl) phthalate	ug/L	4	12	3	4/30/2019	ND	4/30/2019	ND	Discharge from rubber and chemical factories; inert ingredient in pesticides
Di-(2-Ethylhexyl) adipate	ug/L	400	200	5	4/30/2019	ND	4/30/2019	ND	Discharge from chemical factories
di-n-Butylphthalate	ug/L	NA	NA	(1)	4/30/2019	ND	4/30/2019	ND	
di ii butyipiitidate	ug/L	14/3	14/4	(1)	4/30/2013	ND	4/30/2013	ND	
Diazinon	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
				(0.05)	. / /				
Dibenz (a,h) anthracene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Diethylphthalate	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Dimethoate	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Dimethylphthalate	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
Dimoniy iprimitate			101	(0.0)	1/00/2010	115	1,00,2010	. 1.5	
Fluoranthene	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
Fluorene	/1	NIA	NIA	(0.05)	4/20/2040	ND	4/20/2040	ND	
Fluorene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
gamma-Chlordane	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Hexachlorobenzene	ug/L	1	0.03	0.5	4/30/2019	ND	4/30/2019	ND	Discharge from metal refineries and agricultural chemical factories; by-product of chlorination
									reactions in wastewater
Hexachlorocyclopentadiene	ug/L	50	2	1	4/30/2019	ND	4/30/2019	ND	Discharge from chemical factories
				(2					
Indeno (1,2,3,c,d) Pyrene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Isophorone	ug/L	NA	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	
·									
Metolachlor	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Metribuzin	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
INCUIDUZIII	ug/L	INA	14/4	(0.03)	7/30/2013	IAD	7/30/2013	IAD	
Molinate	ug/L	20	1	2	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from herbicide used on rice
Di di			NI.	(0.0.0)	1/00/22:12	N-	4/00/22:12		
Phenanthrene	ug/L	NA	NA	(0.04)	4/30/2019	ND	4/30/2019	ND	
Propachlor	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
	ĺ			, í					
Pyrene	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	

					Raw Source	e Water	Treated	Water	
		State or			State Water	r Project	Polonio Pa	ss WTP	
		Federal	PHG	State	Most Recent		Most Recent		
Parameter	Units	MCL [MRDL]	(MCLG) [MRDLG]	DLR (MRL)	Sample Date	Result	Sample Date	Result	Major Sources in Drinking Water
Simazine	ug/L	4	4	1	4/30/2019	ND	4/30/2019	ND	Herbicide runoff
Thiobencarb (a)	ug/L	70 (h)	42	1	4/30/2019	ND	4/30/2019	ND	Runoff/leaching from herbicide used on rice
trans-Nonachlor	ug/L	NA	NA	(0.05)	4/30/2019	ND	4/30/2019	ND	
Trifluralin	ug/L	NA	NA	(0.1)	4/30/2019	ND	4/30/2019	ND	
INORGANIC CHEMICAL	S								
Antimony, Total	ug/L	6	1	6	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Ashartas	MFL	7	7	0.2	4/30/2019	<0.21	4/30/2019	ND	Internal correction of aphastas compart water mains, areaign of natural deposits
Asbestos	IVIFL	,	1	0.2	4/30/2019	<0.21	4/30/2019	ND	Internal corrosion of asbestos cement water mains; erosion of natural deposits
Arsenic, Total	ug/L	10	0.004	2	4/30/2019	ND	4/30/2019	ND	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Degines Tatal		4	0	0.4	4/00/0040	ND	4/00/0040	ND	Disharan dail dillian and an alternative financian and a standard financian
Barium, Total	mg/L	1	2	0.1	4/30/2019	ND	4/30/2019	ND	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Beryllium, Total	ug/L	4	1	1	4/30/2019	ND	4/30/2019	ND	Discharge from metal refineries, coal-burning factories, and electrical, aerospace, defense
Berymann, Total	ug/L	7	'	'	4/30/2019	ND	4/30/2019	ND	industries
Cadmium, Total	ug/L	5	0.04	1	4/30/2019	ND	4/30/2019	ND	Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories, and metal refineries; runoff from waste batteries and paints
									industrial chemical factories, and metal refineries, furton from waste batteries and paints
Chromium, Total	ug/L	50	(100)	10	4/30/2019	ND	4/30/2019	ND	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
	-3-		(100)						
Copper (a)	mg/L	1 (c) (f)	0.3	0.05	4/30/2019	ND	4/30/2019	ND	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood
	-								preservatives
Cyanide	ug/L	150	150	100	4/30/2019	ND	4/30/2019	ND	Discharge from steel/metal, plastic and fertilizer factories
									Function of natural descript, unto addition that promotes always tooks, displaying from facilities and
Fluoride	mg/L	2	1	0.1	4/30/2019	ND	4/30/2019	ND	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Hydroxide as OH	mg/L	NA	NA	(2)	4/30/2019	ND	4/30/2019	ND	
Iron, Total	mg/L	0.3 (j)	NA	0.1	4/30/2019	ND	4/30/2019	ND	Leaching from natural deposits; industrial wastes
		3 /							
Lead	ug/L	(c)	0.2	5	4/30/2019	ND	4/30/2019	ND	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers;
Moreury	ug/L	2	1.2	1	4/30/2019	ND	4/30/2019	ND	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and
Mercury	ug/L		1.2	'	4/30/2019	ND	4/30/2019	ND	cropland
Nickel, Total	ug/L	100	12	10	4/30/2019	ND	4/30/2019	ND	Erosion of natural deposits; discharge from metal factories
Darehlarete	/1	C (4)	1	4	4/20/2040	ND	4/20/2040	ND	Developeds is an inarrantic showing load in solid reglet propellest firewayle avalation floor
Perchlorate	ug/L	6 (d)	1	4	4/30/2019	ND	4/30/2019	ND	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares,
Selenium, Total	ug/L	50	30	5	4/30/2019	ND	4/30/2019	ND	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from
	- 3-								mines and chemical manufacturers; runoff from livestock lots (feed additive)
Silver, Total	ug/L	100 (f)	NA	(0.5)	4/30/2019	ND	4/30/2019	ND	Industrial Discharges
Thallium, Total	ug/L	2	0.1	1	4/30/2019	ND	4/30/2019	ND	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Zinc, Total	ma/l	5 (f)	NA	(0.02)	4/30/2019	ND		ND	Runoff/leaching from natural deposits; industrial wastes
Zino, Total	mg/L	J (I)	INA	(0.02)	4/30/2019	חאו	4/30/2019	טאו	Trunonneading from natural deposits, industrial wastes

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2/46/2020	

2019 CCR Non Detect Table-FINAL-03132020.xls
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					Raw Source Water		Treated Water	
		State or			State Water Project		Polonio Pass WTP	
		Federal	PHG	State	Most Recent		Most Recent	
		MCL	(MCLG)	DLR	Sample		Sample	
Parameter	Units	[MRDL]	[MRDLG]	(MRL)	Date	Result	Date	Result
ABBREVIATIONS AND FOC	TNOTES							

Abbreviations

DCPA	Dimethyl Tetrachloroterephthalate	NC	Not Collected
DLR	Detection Limits for purposes of Reporting	ND	None Detected above dectection limit (DLR)
MCL	Maximum Contaminant Level	pCi/L	picoCuries per Liter
MCLG	Maximum Contaminant Level Goal	PHG	Public Health Goal
MFL	Million Fibers per Liter	ppb	Parts per billion
MRDL	Maximum Residual Disinfectant Level	ppm	Parts per million
MRDLG	Maximum Residual Disinfectant Level Goal	ppt	Parts per trillion
MRL	Minimum Reporting Limit	ppq	Parts per quadrillion
NA	Not Applicable		

Footnotes

(a) (b) (c) Copper, MTBE, and thiobencarb have both primary and secondary standards.

MTBE has a secondary MCL of 5 ppb.

Lead and copper are regulated as a Treatment Technique under the Lead and

Copper Rule. It requires systems to take water samples at the consumers' tap. The action levels, which trigger water systems into taking treatment steps

if exceeded in more than 10% of the tap water samples, are 1.3 ppm for copper

and 15 ppb for lead.

The State primary MCL for perchlorate was set at 6 ppb effective October 18, 2007. (d)

Perchlorate reporting level is 2 ppb.

1,2,3-Trichloropropane is an unregulated contaminant with a notification level of 0.005 ppb. (e)

Secondary MCL.

(g) Gross beta particle activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal

organ. 50pCi/L is used as a screening level.

(h) Thiobencarb has a secondary MCL of 1 ppb.